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1 **Running EveryWare on the computational grid**   ▬
Rich Wolski, John Brevik, Chandra Krintz, Graziano Obertelli, Neil Spring, Alan Su
January 1999 **Proceedings of the 1999 ACM/IEEE conference on Supercomputing (CDROM) Supercomputing '99**
Publisher: ACM Press
Full text available: 📄 pdf(414.73 KB)   Additional Information: full citation, references, citings, index terms

2 **Proceedings - only: A system architecture for pervasive computing**   ▬
Robert Grimm, Tom Anderson, Brian Bershad, David Wetherall
September 2000 **Proceedings of the 9th workshop on ACM SIGOPS European workshop: beyond the PC: new challenges for the operating system EW 9**
Publisher: ACM Press
Full text available: 📄 pdf(148.14 KB)   Additional Information: full citation, abstract, references, citings

Pervasive computing, with its focus on users and their tasks rather than on computing devices and technology, provides an attractive vision for the future of computing. But, while hardware and networking infrastructure to realize this vision are increasingly becoming a reality, precious few applications run in this infrastructure. We believe that this lack of applications can be attributed to three characteristics that are inadequately addressed by existing systems. First, devices are heterogene ...

3 **Session summaries from the 17th symposium on operating systems principle (SOSP'99)**   ▬
Jay Lepreau, Eric Eide
April 2000 **ACM SIGOPS Operating Systems Review**, Volume 34 Issue 2
Publisher: ACM Press
Full text available: 📄 pdf(3.15 MB)   Additional Information: full citation, index terms

4 **Migration of processes, files, and virtual devices in the MDX operating system**   ▬
Harald Schrimpf
April 1995 **ACM SIGOPS Operating Systems Review**, Volume 29 Issue 2

Publisher: ACM Press

Full text available: 📄 pdf(983.96 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

Load management in distributed systems is usually focused on balancing process execution and communication load. Stress on storage media and I/O-devices is considered only indirectly or disregarded. For I/O-intensive processes this imposes severe restrictions on balancing algorithms: processes have to be placed relative to fixed allocated resources. Therefore, beyond process migration, there is a need for a migration of all operating system objects, like files, pipes, timers, virtual terminals, ...

5 <u>Report on the eighth ACM SIGOPS European workshop</u>   ▬

Jean Bacon

January 1999 **ACM SIGOPS Operating Systems Review**, Volume 33 Issue 1

Publisher: ACM Press

Full text available: 📄 pdf(988.38 KB)   Additional Information: <u>full citation</u>, <u>index terms</u>

6 <u>Data base directions: the next steps</u>   ▬

John L. Berg

November 1976 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 8 , 8 Issue 4 , 2

Publisher: ACM Press

Full text available: 📄 pdf(9.95 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>

What information about data base technology does a manager need to make prudent decisions about using this new technology? To provide this information the National Bureau of Standards and the Association for Computing Machinery established a workshop of approximately 80 experts in five major subject areas. The five subject areas were auditing, evolving technology, government regulations, standards, and user experience. Each area prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, government regulation, management objectives, privacy, security, standards, technology assessment, user experience

7 <u>Spatial machines: a more realistic approach to parallel computation</u>   ▬

Yosee Feldman, Ehud Shapiro

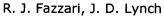October 1992 **Communications of the ACM**, Volume 35 Issue 10

Publisher: ACM Press

Full text available: 📄 pdf(9.43 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

Keywords: physical computation, physical limitations

8 <u>The second generation FPS T series: an enhanced parallel vector supercomputer</u>   ▬

R. J. Fazzari, J. D. Lynch

January 1988 **Proceedings of the third conference on Hypercube concurrent computers and applications: Architecture, software, computer systems, and general issues - Volume 1**

Publisher: ACM Press

Full text available: 📄 pdf(837.26 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

The FPS T Series is a parallel vector supercomputer incorporating up to 16,384 compute nodes into a network based on the binary n-cube interconnect. The compute node has been enhanced to improve floating-point scalar and vector performance, and to increase memory size and internode communication bandwidth. The control processor contains a microcomputer with a peak of 10 MIPS, a floating-point unit with a peak of 1.5 MFLOPS for 64-bit operands, four communication links which ...

9 A Survey of Some Theoretical Aspects of Multiprocessing

J. L. Baer

March 1973 **ACM Computing Surveys (CSUR)**, Volume 5 Issue 1

Publisher: ACM Press

Full text available: pdf(4.05 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

10 Relational Database Systemsr

Won Kim

September 1979 **ACM Computing Surveys (CSUR)**, Volume 11 Issue 3

Publisher: ACM Press

Full text available: pdf(2.67 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

11 A model and an architecture for a relational knowledge base

H. Yokota, H. Itoh

June 1986 **ACM SIGARCH Computer Architecture News , Proceedings of the 13th annual international symposium on Computer architecture ISCA '86**, Volume 14 Issue 2

Publisher: IEEE Computer Society Press, ACM Press

Full text available: pdf(705.35 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

A relational knowledge base model and an architecture which manipulates the model are presented. An item stored in the relational knowledge base is called a term. A unification operation on terms in the relational knowledge base is used as the retrieval mechanism. The relational knowledge base architecture we propose consists of a number of unification engines, several disk systems, a control processor, and a multiport page-memory. The system has a knowledge compiler to support a variety of ...

12 Selected definitions

W. Barkley Fritz

April 1963 **Communications of the ACM**, Volume 6 Issue 4

Publisher: ACM Press

Full text available: pdf(1.10 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

A selection of the definitions prepared by the ACM Standards Committee's Subcommittee on Programming Terminology is presented for review by the ACM membership.

13 The evolution of the Sperry Univac 1100 series: a history, analysis, and projection

B. R. Borgerson, M. L. Hanson, P. A. Hartley

January 1978 **Communications of the ACM**, Volume 21 Issue 1

Publisher: ACM Press

Full text available: pdf(1.89 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

The 1100 series systems are Sperry Univac's large-scale mainframe computer systems. Beginning with the 1107 in 1962, the 1100 series has progressed through a succession of

eight compatible computer models to the latest system, the 1100/80, introduced in 1977. The 1100 series hardware architecture Is based on a 36-bit word, ones complement structure which obtains one operand from storage and one from a high-speed register, or two operands from high-speed registers. The 1100 Operating System ...

Keywords: 1100 computer series, computer architecture, data management systems, end user facilities, executive control software, multiprocessing, multiprogramming, operating system, programming languages

14 The architecture of the SPERRY UNIVAC 1100 series systems

B. R. Borgerson, M. D. Godfrey, P. E. Hagerty, T. R. Rykken

April 1979 **Proceedings of the 6th annual symposium on Computer architecture ISCA '79**

Publisher: ACM Press

Full text available: pdf(841.19 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents an overview of the architecture of the SPERRY UNIVAC® 1100 Series systems. The principal topics are instruction and data formats, main storage and addressing, process management, and I/O.

15 A Dictionary for Minimum Redundancy Encoding

Eugene S. Schwartz

October 1963 **Journal of the ACM (JACM)**, Volume 10 Issue 4

Publisher: ACM Press

Full text available: pdf(1.45 MB)   Additional Information: full citation, references, citings, index terms

16 Architecture of the IBM system/370

Richard P. Case, Andris Padegs

January 1978 **Communications of the ACM**, Volume 21 Issue 1

Publisher: ACM Press

Full text available: pdf(2.78 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper discusses the design considerations for the architectural extensions that distinguish System/370 from System/360. It comments on some experiences with the original objectives for System/360 and on the efforts to achieve them, and it describes the reasons and objectives for extending the architecture. It covers virtual storage, program control, data-manipulation instructions, timing facilities, multiprocessing, debugging and monitoring, error handling, and input/output operations. ...

Keywords: architecture, computer systems, error handling, instruction sets, virtual storage

17 NEXUS: a linguistic technique for procoordination

R. A. Benson

September 1969 **Proceedings of the 1969 conference on Computational linguistics**

Publisher: Association for Computational Linguistics

Full text available: pdf(1.31 MB)   Additional Information: full citation, abstract, references

A method for automatically precoordinating index terms was devised to form combinations of terms which are stored as subject headings. A computer program accepts lists of auto-indexed terms and by applying linguistic and sequence rules combines

appropriate terms, thereby effecting improved searchability of an information storage and retrieval system.A serious failing exists in many indexing systems in that index terms authorized for use are too general for use by technically-knowledgeable search ...

18 How many operation units are adequate?

Wolfgang Matthes

July 1991 **ACM SIGARCH Computer Architecture News**, Volume 19 Issue 4

Publisher: ACM Press

Full text available: pdf(1.03 MB)   Additional Information: full citation, abstract, index terms

A uniprocessor superscalar architecture is proposed which comprises four universal operation units arranged according to a tree-shaped dataflow graph, instruction issuing hardware, and oper and selection means. The control principles are based on VLIW, microprogramming, and dataflow concepts. The proposal emerged mainly from investigations of inherent mathematical structures of application problems, especially from the analysis of dataflow graphs of elementary mathematical fromulas (arithmetic o ...

19 An efficient I/O interface for optical disks

Jeffrey S. Vitter

June 1985 **ACM Transactions on Database Systems (TODS)**, Volume 10 Issue 2

Publisher: ACM Press

Full text available: pdf(2.55 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

We introduce the notion of an I/O interface for optical digital (write-once) disks, which is quite different from earlier research. The purpose of an I/O interface is to allow existing operating systems and application programs that use magnetic disks to use optical disks instead, with minimal change. We define what it means for an I/O interface to be disk-efficient. We demonstrate a practical disk- efficient I/O interface and show that its I/O performance in many cases is optimum, up to a ...

20 Technical summary of the second IEEE workshop on workstation operating systems

Luis-Felipe Cabrera

July 1990 **ACM SIGOPS Operating Systems Review**, Volume 24 Issue 3

Publisher: ACM Press

Full text available: pdf(1.09 MB)   Additional Information: full citation, index terms

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L1	14	defin$5 near5 (binary) near4 (data information) same server and "709"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:27
L2	14	defin$5 near5 (binary) near4 (data information) same server and "707"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:27
L3	38	(mobile portable PDA phone smart) and (request$5 same (storage memory) same (available capacity) same synchroniz$7) and segment and "709"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:35
L4	18	(mobile portable PDA phone smart) and (request$5 same (storage memory) same (available capacity) same synchroniz$7) and segment and "707"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:35
S1	2	"6694336".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 08:11
S2	1	(text) near5 (encod$5) same binary same (size length) same (synchron$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 08:14
S3	8	(text) near5 (encod$5) and binary same (size length) same (synchron$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 08:24

S4	108	(text) near5 (encod$5) and binary same (synchron$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:41
S5	4	(text) near5 (encod$5) same binary same (synchron$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 08:29
S6	539	(text) adj (encoding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 08:35
S7	0	(text) adj (encoding) adj3 synchron$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 09:22
S8	4	(text) adj (encoding) same synchron$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 09:19
S9	2	"6205448".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 09:19
S10	8	(text) adj (encoding) adj3 binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:04
S11	0	(text) adj (encoding) adj3 binary and (memory near4 dpendent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:05

S12	0	(memory near4 dpendent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:05
S13	13	(memory near4 dependent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:07
S14	5	(storage near4 dependent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:08
S15	6	(storage memory buffer) near5 (availab$5 capacity) near4 (based driven oriented dependent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:11
S16	0	(byte near4 size) near4 (based driven oriented dependent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:11
S17	2	(transfer near4 size) near4 (based driven oriented dependent) near4 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:12
S18	45	("4532588" | "4713780" | "4754428" | "4837798" | "4951196" | "5008814" | "5054096" | "5119465" | "5210824" | "5293250" | "5404231" | "5406557" | "5416842" | "5424724" | "5495610" | "5513126" | "5550984" | "5550994" | "5608819" | "5608874" | "5675507" | "5677955" | "5706442" | "5708780" | "5708826" | "5710883" | "5727156" | "5751956" | "5758343" | "5764906" | "5778372" | "5781901" | "5790793" | "5793972" | "5805719" | "5812398" | "5812776" | "5845084" | "5850442" | "5855020" | "5860068" | "5892825" | "5903723" | "5911776" | "5937164"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/08 10:15

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S19	0	S18 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:15
S20	132	Decid$5 near5 (transfer$5 synchroniz$5) near5 size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:16
S21	6	Decid$5 near5 (transfer$5 synchroniz$5) near5 size and binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:16
S22	17	"709"/$.ccls. and (text) near5 (encod$5) and binary same (synchron$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:47
S23	2	"6687878".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 16:19
S24	2	"6502191".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 12:55
S25	2	"6694336".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 12:56
S26	1044	(binary) same(ammount size) same (storage memory) same (hanheld PDA cell phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:00

S27	56	(binary) same(ammount size) same (storage memory) same (hanheld PDA cell phone) same (decid$5 determin$5) same (synchroni$5 transfer$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:05
S28	0	(decid$5 determin$5) near6 (binary) near6 (amount size) same (storage memory) same (handheld PDA phone) same (synchroni$5 transfer$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:17
S29	4	(binary) near6 (amount size) same (storage memory) same (handheld PDA phone) same (synchroni$5 transfer$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:06
S30	13	(decid$5 determin$5) near6 (amount size) near6 (storage memory) near7 (handheld PDA phone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:14
S31	0	(decid$5 determin$5) near6 (amount size) near6 (storage memory) near7 (handheld PDA phone) and (binary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 13:57
S32	15	(decid$5 determin$5) near6(handheld PDA phone)near6 (amount size) near6 (storage memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:14
S33	103951	(binary) near6 (data information)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:18
S34	0	(binary) near6 (data information) same (availab$6 unused) near5 (memory storage) near5 (handheld)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 13:19

S35	1	(binary) near6 (data information) and (availab$6 unused) near5 (memory storage) near5 (handheld)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 14:58
S37	6577	(binary) near6 (data information) near7 (transfer$6 synchron$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:01
S38	31	(binary) near6 (data information) near7 (transfer$6 synchron$8) same (encod$5) same (compress$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:02
S39	2	"5712805".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 16:19
S41	0	(decid$5 determin$5) near6 (handheld PDA phone) near6 (storage memory) near7 (amount size) and (binary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 13:57
S42	0	(decid$5 determin$5 detect$5) near6 (handheld PDA phone) near6 (storage memory) near7 (amount size) and (binary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 13:58
S43	22	(decid$5 determin$5 detect$5) near6 (handheld PDA phone) near6 (storage memory) near7 (amount size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:04
S44	16	("20040168030" | "5457797" | "5603031" | "5678044" | "5974258" | "6035120" | "6128590" | "6260020" | "6324543" | "6334215" | "6356957" | "6370646" | "6370682" | "6442663" | "6694511" | "6701521").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 14:12

S45	0	("20040168030" | "5457797" | "5603031" | "5678044" | "5974258" | "6035120" | "6128590" | "6260020" | "6324543" | "6334215" | "6356957" | "6370646" | "6370682" | "6442663" | "6694511" | "6701521").PN. and S43	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 14:10
S46	11	("20040168030" | "5457797" | "5603031" | "5678044" | "5974258" | "6035120" | "6128590" | "6260020" | "6324543" | "6334215" | "6356957" | "6370646" | "6370682" | "6442663" | "6694511" | "6701521").PN. and memory	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 14:12
S47	13	("20020016883" | "20030023825" | "5687382" | "5706407" | "5928365" | "6115799" | "6167484" | "6215714" | "6430665" | "6742097" | "6757806" | "6845432" | "6877098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 14:16
S48	14	(decid$5 determin$5 detect$5) near6 (handheld PDA phone) near6 (availab$5) near15 (storage memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 14:21
S49	13	(decid$5 determin$5 detect$5) near6 (handheld PDA phone) near6 (storage memory) near6 (availab$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 14:23
S50	118	(decid$5 determin$5 detect$5) near6 (storage memory) near6 (availab$5) same (synchron$9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 14:23
S51	83	(decid$5 determin$5) near6 (synchron$9) near6 (depend$5 based) near8 (memory storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 14:34

S52	45	("4532588" | "4713780" | "4754428" | "4837798" | "4951196" | "5008814" | "5054096" | "5119465" | "5210824" | "5293250" | "5404231" | "5406557" | "5416842" | "5424724" | "5495610" | "5513126" | "5550984" | "5550994" | "5608819" | "5608874" | "5675507" | "5677955" | "5706442" | "5708780" | "5708826" | "5710883" | "5727156" | "5751956" | "5758343" | "5764906" | "5778372" | "5781901" | "5790793" | "5793972" | "5805719" | "5812398" | "5812776" | "5845084" | "5850442" | "5855020" | "5860068" | "5892825" | "5903723" | "5911776" | "5937164"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 15:26
S53	71	memory near4 available near5 synchroniz$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/26 08:03
S54	71	memory near4 available near5 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 15:42
S55	177	memory same synchroniz$5 same insufficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 07:00
S56	2	"6151606".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 07:00
S57	65	(available select$5) near5 (storage memory) near5 (based oriented dependent driven) near6 synchroniz$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 07:02
S58	0	memory near4 available near5 synchroniz$5	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:03

S59	10	(decid$5 determin$5 detect$5) near6 (storage memory) near7 (amount size) same (prior before) same(synchroniz$7) near5 (data file information PIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:11
S60	52	(decid$5 determin$5 detect$5) near6 (storage memory) near7 (amount size) same(synchroniz$7) near5 (data file information PIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:15
S61	95	(binary same synchroniz$9).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:26
S62	22	(binary same synchroniz$9).ti. and (memory storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:17
S63	3375	(binary same synchroniz$9) and (request$5 determin$6) near7 (hardware memory storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:26
S64	431	(binary same synchroniz$9) and (request$5 determin$6) near7 (hardware memory storage) and (PDA handheld phone notebook)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:27
S65	46	(binary same synchroniz$9) and (request$5 determin$6) near7 (hardware memory storage) same (PDA handheld phone notebook)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 08:45
S66	548	(PDA handheld phone notebook laptop portable mobile (mobile near3 client)) same (synchroniz$5) same (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:04

S67	23	(PDA handheld phone notebook laptop portable mobile (mobile near3 client)) same (synchroniz$5) same (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 10:56
S68	2	"6230192.pn.", "6230207".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:14
S69	2	"6230192"".pn.", "6230207".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:15
S70	2	"6230192"".pn.and" """6230207""".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:15
S71	0	("6230192","6230207").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:15
S72	3	("6230192" "6230207").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:16
S73	2	"6230192".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 10:01
S74	1	09/967439	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:55

EAST Search History

S75	12	09/911293	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 09:55
S76	2	"6000000".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 10:01
S77	565	(PDA handheld phone notebook laptop portable mobile (mobile near3 client)) same (synchroniz$5) and (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 13:55
S78	209	(PDA handheld phone notebook laptop portable mobile (mobile near3 client)) same (synchroniz$5) and (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7) and binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:39
S79	242	707/203,204.ccls. and (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:39
S80	40	709/248.ccls. and (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:38
S81	83	707/203,204.ccls. and (determin$5 detect$6 request$5) near6 (memory storage buffer queue) near5 (limit$5 threshold amount availab$6 parameter specificat$6 configur$7) and (synchroniz$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:39
S82	7	("5910946" | "6075783" | "6138036" | "6141341" | "6141356" | "6295302" | "6370394").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 08:39
S83	1	"6643284".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 08:39

EAST Search History

S84	2	"6643284".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 07:10
S85	2	"6643284".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 07:54
S86	3	(synchroniz$5 near5 (database)) same (size length) same (storage memory) same (capacity) same (mobile portable PDA phone smart) and (wireless radio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 08:56
S87	14	("5261094" | "5392390" | "5649195" | "5684990" | "5729735" | "5781908" | "5790974" | "5873096" | "5961590" | "5966714" | "5974238" | "6065018" | "6226651" | "6272545").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 08:08
S88	0	(synchroniz$5 near5 (database)) same (size length) same (storage memory) same (capacity) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 08:41
S89	1	(storage memory) same (capacity) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 08:09
S90	52	(synchroniz$5 near5 (database)) same (storage memory) same (capacity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 10:48

EAST Search History

S91	370	(mobile portable PDA phone smart) and (request$5 same (storage memory) same (available capacity) same synchroniz$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:30
S92	15	(mobile portable PDA phone smart) and (request$5 near5 (storage memory) near7 (available capacity) same synchroniz$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 09:00
S93	490	(mobile portable PDA phone smart) and (determin$5 same (storage memory) same (available capacity) same synchroniz$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 09:14
S94	25	(mobile portable PDA phone smart) and (determin$5 near5 (storage memory) near7 (available capacity) same synchroniz$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 09:55
S95	1	09/858415	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 09:55
S96	7484	(mobile portable PDA phone smart) and (download$5 same (storage memory) same (available capacity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 10:09
S97	781	(mobile portable PDA phone smart) and (inquir$5 same (storage memory) same (available capacity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 10:13

EAST Search History

S98	54	(mobile portable PDA phone smart) and (inquir$5 near5 (storage memory) near7 (available capacity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 10:13
S99	160	(mobile portable PDA phone smart) and (request$5 same (storage memory) same (available capacity) same synchroniz$7) and segment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:34
S100	2	"6694336".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 10:47
S101	54	(synchroniz$5) same (storage memory) same (capacity) same (binary) same (size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:16
S102	186	(compar$5) same (storage memory) same (capacity) same (binary) same (size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:17
S103	2	(compar$5) same (storage memory) same (capacity) same (binary) same (size) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:19
S104	0	(compar$5) near7 (size) near5 (binary) near4 (data information) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:20

EAST Search History

S10 5	1	(determin$5) near7 (size) near5 (binary) near4 (data information) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:22
S10 6	1	(check$5) near7 (storage memory resource) same (size) near5 (binary) near4 (data information) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:23
S10 7	3	(check$5) near7 (storage memory resource) and (size) near5 (binary) near4 (data information) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 11:25
S10 8	49	defin$5 near5 (binary) near4 (data information) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 08:26
S10 9	5	09/658415	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:20
S11 0	0	09/458415	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:20
S11 1	1	09/858415	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:27

S11 2	2	"6658485".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:28
S11 3	1	11/409396	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:28
S11 4	4	(mobile portable PDA phone smart) and (request$5 same (storage memory) same (available capacity) same synchroniz$7) same "DB"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:42
S11 5	5	(mobile portable PDA phone smart) same (decid$5) near4 (download$5) same (size) same (data information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 13:43
S11 6	14	("20020087656" | "20030013483" | "20030040299" | "20030101246" | "20030119552" | "20030190908" | "20030224823" | "20040030601" | "20040068747" | "20040097248" | "20040106416" | "20040117459" | "20040209649" | "6629130").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/06 13:44